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## PATENT ABSTRACTS OF JAPAN

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(54) METHOD AND APPARATUS FOR TREATING  
 BOG VAPORIZED IN LNG STORAGE  
 EQUIPMENT

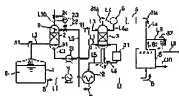
(57) Abstract.

**PURPOSE:** To reduce the equipment cost and operating cost by dispensing with the use of a compressor which is expensive and consumes much electric power.

**CONSTITUTION:** The apparatus consists of an absorption tower 2 in which BOG 81 fed through a BOG discharge line 12 is absorbed by an absorbent 9 to form a BOG absorbent solution 91, a stripping tower 3 in which the BOG absorbent solution 91 fed through an absorbent solution discharge line 13 is externally heated to strip the BOG to form a stripped BOG 81a, an absorbent feedback line 15 through which the ab-

sorbent 9 regenerated by stripping BOG 81 in the tower 3 is fed back to the absorption tower 2, and a heat exchanger 12 in which heat exchange between LNG 8 fed through an LNG discharge line 11 from an LNG tank 1 and the absorbent 9 flowing through the absorbent feedback line 15 is effected and which is installed in the absorbent feedback line 15.

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